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Γ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
_	10/086,221	02/27/2002	William G. Fish	20501.213RIS	6447
	32847 75	590 07/17/2003			5
	DUFT SETTER OLLILA & BORNSEN LLC			EXAMINER	
	SUITE 300			PHAM, MINH CHAU THI	
	BOULDER, CO 80302			ART UNIT	PAPER NUMBER
				1724	
			DATE MAILED: 07/17/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary  The MAILING DATE of this communication appears on the cover sheet with the correspondence address - Period for Repty  A SHORTENEO STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE DNE MONTH(\$) FROM THE MAILING DATE OF THIS COMMUNICATION.  Shapmons of term any ae valuable with the provisors of JCPR (1.366), in no event, however, may a reply be linely filed the plant of the plant of the plant of JCPR (1.366), in no event, however, may a reply be linely filed the plant of the reply specified have is less han highly (\$0) days, a reply value has balatory arisimum of thinty, (\$0) days with the condended flows, the plant of the reply specified have it less than highly (\$0) days, a reply value has balatory arisimum of thinty, (\$0) days with the condended flows, the plant of the reply specified have it less than highly (\$0) days, a reply value has balatory arisimum of thinty, (\$0) days with the condended flows, the plant of the plan	•	Application No.	Applicant(s)					
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THE MAILING DATE OF THIS COMMUNICATION.  - Extensions to time may be available under the provision of 3 CPE 11.3(6). In no event, however, may a cepty be timely filed after 50x (6) MONTHS from the mailing date of this communication.  - In the period creatly retrieved to certify the communication of the								
2a) This action is FINAL. 2b). This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s)	<ul> <li>THE MAILING DATE OF THIS COMMUNICATION.</li> <li>Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.</li> <li>If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.</li> <li>If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.</li> <li>Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).</li> <li>Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</li> </ul>							
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4a) Of the above claim(s) is/are withdrawn from consideration.  5) ☐ Claim(s) is/are allowed.  6) ☒ Claim(s) is/are rejected.  7) ☐ Claim(s) is/are objected to.  8) ☐ Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) ☐ The specification is objected to by the Examiner.  10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) ☐ The proposed drawing correction filed on is: a) ☐ approved b) ☐ disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) ☐ The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some * c) ☐ None of:  1 ☐ Certified copies of the priority documents have been received in Application No  3 ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  11 ☐ Notice of References Cited (PTO-892)  21 ☐ Notice of Informal Patent Application (PTO-152)	Disposition of Claims							
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6) Claim(s) is/are rejected.  7) Claim(s) is/are objected to.  8) Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or bi objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Interview Summary (PTO-413) Paper No(s)	4a) Of the above claim(s) is/are withdrawn from consideration.							
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15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  4) Interview Summary (PTO-413) Paper No(s).  5) Notice of Informal Patent Application (PTO-152)	14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).							
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	2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) Notice of Informal	· · · · · · · · · · · · · · · · · · ·					

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## Reissue Applications

- 1. The original patent, or a statement as to loss or inaccessibility of the original patent, must be received before this reissue application can be allowed. See 37 CFR 1.178.
- 2. Applicant is reminded that all subject matter being added to the original patent <u>must be</u> underlined in their entirely. Claims 15-42 are newly added to the reissue application and they all must be underlined. 37 CFR 1.173(d). The subject matter being added to a new claim requires rewriting (and underlining) of the entire new claim (claims 9 and 15-42).
- 3. Applicant is reminded that the references cited in the original patent have been cited in the reissue application on a Form PTO-1449.
- 4. The response filed on January 16, 2003 does not include the correct status of all of the claims. Applicant is reminded that each amendment submission must set forth the status of all patent claims and of all added claims (i.e., "pending" or "canceled") as of the date of the amendment. 37 CFR 1.173(c).
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Chau Pham whose telephone number is (703) 308-1605. The examiner can normally be reached on Monday-Friday (except Wednesday) from 7:15 a.m. to 5:45 p.m.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Blaine Copenheaver, can be reached on (703) 308-1261. The fax phone number for this Group is (703) 872-9310 (non-finals) or (703) 872-9311 (after-finals).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0661.

Minh-Chau Pham

**Patent Examiner** 

June 30, 2003

BLAINE COPENHEAVER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700